

#20  
2122

|   |   |                        |                   |
|---|---|------------------------|-------------------|
| <b>TRANSMITTAL FORM</b><br>(to be used for all correspondence after initial filing) |   | Application No.        | 09/888,061        |
|   |   | Filing Date            | June 21, 2001     |
|   |   | First Named Inventor   | Kenneth J. Hines  |
|   |   | Art Unit               | 2122              |
|   |   | Examiner Name          | Kuo Liang J. Tang |
| Total Number of Pages in This Submission  | 6 | Attorney Docket Number | 42390P18902       |

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| ENCLOSURES (check all that apply)  |   | OFFICE OF PETITIONS  |
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| <input checked="" type="checkbox"/> Fee Transmittal Form                     | <input type="checkbox"/> Drawing(s)   | <input type="checkbox"/> After Allowance Communication to Group                            |
| <input checked="" type="checkbox"/> Fee Attached                             | <input type="checkbox"/> Licensing-related Papers                                       | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences        |
| <input type="checkbox"/> Amendment / Response                                | <input type="checkbox"/> Petition   | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final   | <input type="checkbox"/> Petition to Convert a Provisional Application                  | <input type="checkbox"/> Proprietary Information   |
| <input type="checkbox"/> Affidavits/declaration(s)                           | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input type="checkbox"/> Status Letter   |
| <input type="checkbox"/> Extension of Time Request                           | <input type="checkbox"/> Terminal Disclaimer  | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):            |
| <input type="checkbox"/> Express Abandonment Request                         | <input type="checkbox"/> Request for Refund   | Copies of 6 cited refs.<br>Copy of check in the amount of \$180.00<br>Return postcard      |
| <input checked="" type="checkbox"/> Information Disclosure Statement         | <input type="checkbox"/> CD, Number of CD(s)  |  |
| <input checked="" type="checkbox"/> PTO/SB/08                                |   |  |
| <input type="checkbox"/> Certified Copy of Priority Document(s)              | Remarks   |  |
| <input type="checkbox"/> Response to Missing Parts/Incomplete Application    |   |  |
| <input type="checkbox"/> Basic Filing Fee                                    |   |  |
| <input type="checkbox"/> Declaration/POA                                     |   |  |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 |   |  |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |   |
|--|---|
| Firm or Individual name                    | Paul A. Mendonsa, Reg. No. 42,879<br>BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP |
| Signature                                  |   |
| Date                                       | October 7, 2004   |

| CERTIFICATE OF MAILING/TRANSMISSION   |                   |      |                 |
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| Typed or printed name   | Kristin A. Morrow | Date | October 7, 2004 |
| Signature   |                   |      |                 |



# FEE TRANSMITTAL for FY 2004

Effective 01/01/2004. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$)  
180.00

## Complete if Known

Application Number 09/888,061  
Filing Date June 21, 2001  
First Named Inventor Kenneth J. Hines  
Examiner Name Kuo Liang J. Tang  
Art Unit 2122  
Attorney Docket No. 42390P18902

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None  
☐ Deposit Account

Deposit Account Number 02-2666  
Deposit Account Name Blakely, Sokoloff, Taylor & Zafman LLP

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments  
☒ Charge any additional fee(s) or underpayment of fees as required under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

## FEE CALCULATION

### 1. BASIC FILING FEE

| Large Entity |          | Small Entity |          | Fee Description        | Fee Paid |
|--------------|----------|--------------|----------|------------------------|----------|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |                        |          |
| 1001         | 790      | 2001         | 395      | Utility filing fee     |          |
| 1002         | 350      | 2002         | 175      | Design filing fee      |          |
| 1003         | 550      | 2003         | 275      | Plant filing fee       |          |
| 1004         | 790      | 2004         | 395      | Reissue filing fee     |          |
| 1005         | 160      | 2005         | 80       | Provisional filing fee |          |
| SUBTOTAL (1) |          |              |          |                        | (\$)     |

### 2. EXTRA CLAIM FEES

Total Claims  - 20\*\* =  X  =   
Independent Claims  3 =  X  =   
Multiple Dependent  =

| Large Entity |          | Small Entity |          | Fee Description   | Fee Paid |
|--------------|----------|--------------|----------|---|----------|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |   |          |
| 1202         | 18       | 2202         | 9        | Claims in excess of 20                                    |          |
| 1201         | 88       | 2201         | 44       | Independent claims in excess of 3                         |          |
| 1203         | 300      | 2203         | 150      | Multiple Dependent claim, if not paid                     |          |
| 1204         | 88       | 2204         | 44       | **Reissue independent claims over original patent         |          |
| 1205         | 18       | 2205         | 9        | **Reissue claims in excess of 20 and over original patent |          |
| SUBTOTAL (2) |          |              |          |   | (\$)     |

\*\*or number previously paid, if greater, For Reissues, see below

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

| Large Entity |          | Small Entity |          | Fee Description  | Fee Paid |
|--------------|----------|--------------|----------|--|----------|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |  |          |
| 1051         | 130      | 2051         | 65       | Surcharge - late filing fee or oath  |          |
| 1052         | 50       | 2052         | 25       | Surcharge - late provisional filing fee or cover sheet                     |          |
| 2053         | 130      | 2053         | 130      | Non-English specification  |          |
| 1812         | 2,520    | 1812         | 2,520    | For filing a request for ex parte reexamination                            |          |
| 1804         | 920*     | 1804         | 920*     | Requesting publication of SIR prior to Examiner action                     |          |
| 1805         | 1,840*   | 1805         | 1,840*   | Requesting publication of SIR after Examiner action                        |          |
| 1251         | 110      | 2251         | 55       | Extension for reply within first month                                     |          |
| 1252         | 430      | 2252         | 215      | Extension for reply within second month                                    |          |
| 1253         | 980      | 2253         | 490      | Extension for reply within third month                                     |          |
| 1254         | 1,530    | 2254         | 765      | Extension for reply within fourth month                                    |          |
| 1255         | 2,080    | 2255         | 1,040    | Extension for reply within fifth month                                     |          |
| 1404         | 340      | 2401         | 170      | Notice of Appeal   |          |
| 1402         | 340      | 2402         | 170      | Filing a brief in support of an appeal                                     |          |
| 1403         | 300      | 2403         | 150      | Request for oral hearing   |          |
| 1451         | 1,510    | 2451         | 1,510    | Petition to institute a public use proceeding                              |          |
| 1452         | 110      | 2452         | 55       | Petition to revive - unavoidable   |          |
| 1453         | 1,370    | 2453         | 685      | Petition to revive - unintentional   |          |
| 1501         | 1,370    | 2501         | 685      | Utility issue fee (or reissue)   |          |
| 1502         | 490      | 2502         | 245      | Design issue fee   |          |
| 1503         | 660      | 2503         | 330      | Plant issue fee  |          |
| 1460         | 130      | 2460         | 130      | Petitions to the Commissioner  |          |
| 1807         | 50       | 1807         | 50       | Processing fee under 37 CFR 1.17(q)  |          |
| 1806         | 180      | 1806         | 180      | Submission of Information Disclosure Stmt                                  | 180.00   |
| 8021         | 40       | 8021         | 40       | Recording each patent assignment per property (times number of properties) |          |
| 1809         | 790      | 1809         | 395      | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 1810         | 790      | 2810         | 395      | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 1801         | 790      | 2801         | 395      | Request for Continued Examination (RCE)                                    |          |
| 1802         | 900      | 1802         | 900      | Request for expedited examination of a design application                  |          |

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)  
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## SUBMITTED BY

## Complete (if applicable)

Name (Print/Type) Paul A. Mendonsa  
Registration No. (Attorney/Agent) 42,879  
Telephone (503) 439-8778  
Signature *Paul A. Mendonsa*  
Date 10/07/04



Docket No.: 42390P18902

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

KENNETH J. HINES

Application No.: 09/888,061

Filed: June 21, 2001

For: **Evolution Diagrams for Debugged  
Distributed Embedded Software  
Applications**

Art Group: 2122

Examiner: Kuo Liang J. Tang

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**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In accordance with the duty of disclosure, enclosed is a copy of IDS Citation Form PTO/SB/08 or PTO-1449, together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications need not be enclosed for applications filed after June 30, 2003). This IDS and IDS Citation Form are being submitted before the mailing of a final Office Action. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

10/13/2004 ZJU HAR1 00000001 09888061

01 FC:1806

180.00 OP

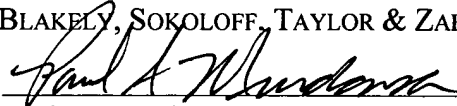
The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

The fee set in the amount of \$180.00 for submission of the Information Disclosure Statement is enclosed herewith. Please charge any additional fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

Respectfully submitted,

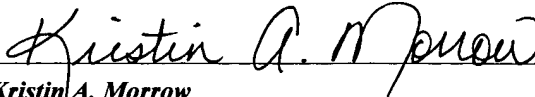
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Date: October 07, 2004

  
Paul A. Mendonsa, Reg. No. 42,879

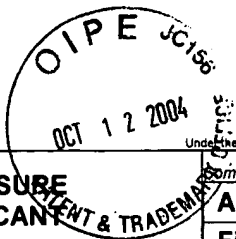
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Kristin A. Morrow

10-07-04

Date



Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

|                      |               |
|----------------------|---------------|
| Application Number   | 09/888,061    |
| Filing Date          | June 21, 2001 |
| First Named Inventor | Unknown       |
| Group Art Unit       | 2122          |
| Examiner Name        | Unknown       |

Sheet 1 of 1

Attorney Docket No: 42P18902

**US PATENT DOCUMENTS**

| Examiner Initial * | USP Document Number | Publication Date | Name of Patentee or Applicant of cited Document | Class | Subclass | Filing Date If Appropriate |
|--------------------|---------------------|------------------|---|-------|----------|----------------------------|
|--------------------|---------------------|------------------|---|-------|----------|----------------------------|

**FOREIGN PATENT DOCUMENTS**

| Examiner Initials* | Foreign Document No | Publication Date | Name of Patentee or Applicant of cited Document | Class | Subclass | T <sup>2</sup> |
|--------------------|---------------------|------------------|---|-------|----------|----------------|
|--------------------|---------------------|------------------|---|-------|----------|----------------|

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

| Examiner Initials* | Cite No <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|--------------------|----------------------|---|----------------|
|                    |                      | BRYANT, R E., "Symbolic boolean manipulation with ordered binary-decision diagrams", <u>ACM Computing Surveys</u> , (1992),293-318  |                |
|                    |                      | COBRA, "Cobra Overview", <u>Cobra v2.0</u> , July 1995, (July 1995),2-1 through 18-5  |                |
|                    |                      | COOPER, R , et al., "Consistent detection of global predicates", <u>ACM/ONR workshop on parallel &amp; distributed debugging</u> , (1991),167-174   |                |
|                    |                      | GARG, V K., et al., "Detection of Weak Unstable Predicates in Distributed Programs", <u>IEEE Transactions on Parallel and Distributed Systems Vol. %, No. 3 March 1994</u> , (1994),299-307   |                |
|                    |                      | MATTERN, F , "Efficient Algorithms for Distributed Snapshots and Global Virtual Time Approximation", <u>Journal of Parallel and Distributed Computing Vol 18 No 4</u> , (1993),   |                |
|                    |                      | MCMILLAN, F. , "Symbolic Model Checking: An Approach to the State Explosion Problem", <u>Ph.D Thesis, Carnegie Mellon University</u> , (1992),  |                |

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